

Title (en)
METHODS OF FREQUENCY DOMAIN INTRA-ORTHOGONAL FREQUENCY-DIVISION MULTIPLEXING (OFDM) SYMBOL MULTI RX-BEAM MEASUREMENT AND DYNAMIC RX BEAM SWEEPING

Title (de)
VERFAHREN FÜR FREQUENZDOMÄNEN-INTRA-ORTHOGONALEN FREQUENZMULTIPLEX(OFDM)-SYMBOL-MEHRFACH-RX-STRAHLMESSUNG UND DYNAMISCHES RX-STRAHLKEHREN

Title (fr)
PROCÉDÉS DE MESURE DE FAISCEAU RX MULTIPLES DE SYMBOLE DE MULTIPLEXAGE PAR RÉPARTITION ORTHOGONALE DE LA FRÉQUENCE (OFDM) DANS LE DOMAINE FRÉQUENTIEL ET BALAYAGE DE FAISCEAUX RX DYNAMIQUE

Publication
EP 3704822 A4 20210224 (EN)

Application
EP 17936901 A 20171229

Priority
CN 2017119942 W 20171229

Abstract (en)
[origin: WO2019127403A1] A communication device comprises a receiver including at least two receive antennas and configured to receive at least one reference signal of a plurality of reference signals, each reference signal being transmitted from at least one base station at a predefined reference signal transmission time; a controller configured to switch between at least two receive configurations of the at least two antennas during a reception period of the at least one reference signal; and a signal quality determiner configured to determine a parameter indicative of a first signal quality of the received reference signal for each receive configuration.

IPC 8 full level
H04L 5/00 (2006.01); **H04B 7/08** (2006.01); **H04W 72/54** (2023.01)

CPC (source: CN EP US)
H04B 7/08 (2013.01 - EP); **H04B 7/0814** (2013.01 - CN EP US); **H04B 7/088** (2013.01 - CN EP US); **H04L 5/0048** (2013.01 - EP US); **H04L 25/03261** (2013.01 - US)

Citation (search report)

- [XII] WO 2017078413 A1 20170511 - SAMSUNG ELECTRONICS CO LTD [KR] & US 2019058558 A1 20190221 - LEE HYUN-YONG [KR]
- [XI] ERICSSON: "CSI-RS for beam management", vol. RAN WG1, no. Qingdao, China; 20170627 - 20170630, 26 June 2017 (2017-06-26), XP051300242, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/Meetings_3GPP_SYNC/RAN1/Docs/> [retrieved on 20170626]
- See also references of WO 2019127403A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2019127403 A1 20190704; CN 111406374 A 20200710; CN 111406374 B 20230228; CN 116094564 A 20230509; EP 3704822 A1 20200909; EP 3704822 A4 20210224; US 11463212 B2 20221004; US 11924132 B2 20240305; US 2020366430 A1 20201119; US 2023101423 A1 20230330

DOCDB simple family (application)
CN 2017119942 W 20171229; CN 201780097198 A 20171229; CN 202310115092 A 20171229; EP 17936901 A 20171229; US 201716768460 A 20171229; US 202217959012 A 20221003